

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. ALL STREET PULL BOXES, GATE VALVES, MANHOLES, ETC, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
6. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-8".
7. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN ALL SIDEWALK PANELS WITHIN THE PROJECT LIMITS.
8. ALL EXISTING IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, CURB, GUTTERS, CROSS GUTTERS, SIDEWALK, DRIVEWAYS, PARKWAY CULVERTS, INLETS, ETC, SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
9. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED, INCLUDING FURNISHING NEW MATERIALS, AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
10. ALL FENCE POSTS SHALL BE PROTECTED OR MODIFIED AS NECESSARY IF POST FOUNDATION IS WITHIN A SIDEWALK PANEL THAT HAS BEEN CALLED OUT FOR REPLACEMENT.
11. ADEQUATE FLOW LINES SHALL BE MAINTAINED AT ALL LOCATIONS.
12. CONTRACTOR SHALL GRIND AND OVERLAY EXISTING PAVEMENT AS REQUIRED ADJACENT TO 5% MAX. PEDESTRIAN RAMP BOTTOM LANDING INDICATED ON STANDARD DRAWING NO 304. CONTRACTOR SHALL GRIND AND OVERLAY AS NECESSARY BEYOND LANDING TO JOIN EXISTING PAVEMENT TO PROVIDE A FINISHED JOIN GRADE OF 16% MAXIMUM.
13. CONTRACTOR SHALL RECONSTRUCT EXISTING SIDEWALK OR ADD NEW SIDEWALK PER CITY STANDARD 325 AS NECESSARY TO ADEQUATELY JOIN NEW RAMP TO BE CONSTRUCTED PER CITY STD 304, WHETHER INDICATED OR NOT.

R.P.U. STREET LIGHT NOTES:

1. ALL FACILITIES INSTALLED BY DEVELOPER SHALL BE INSPECTED AND APPROVED BY RIVERSIDE PUBLIC UTILITIES (RPU) DEPARTMENT CONSTRUCTION INSPECTOR (951 826-2335 OR 951-826-2416). ANY CHANGES SHALL BE APPROVED BY THE RPU INSPECTOR PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE RPU INSPECTOR. THE RPU INSPECTOR SHALL BE CONTACTED TWO WORKING DAYS IN ADVANCE OF ANY CONSTRUCTION INSPECTION TO ARRANGE FOR INSPECTION TIMES.
2. PROVIDE AND INSTALL ALL STREET LIGHT FACILITIES SHOWN INCLUDING STREET LIGHT CABLE, IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: UGS-100, UGS-800, 801, & STREET LIGHT SPECIFICATION #2-6.
3. EXCAVATION FOR STREET LIGHT CONDUIT & ELECTROLIER FOUNDATIONS MUST BE DONE AFTER INSTALLATION OF CURBS & GUTTERS, BUT BEFORE INSTALLATION OF CURB RETURNS WITH SPANDRELS, CROSS GUTTERS, SIDEWALKS, AND DRIVE APRONS.
4. INSTALL A SINGLE WATERPROOF "IN-LINE" FUSE HOLDER ON EACH PHASE LEG CONDUCTOR IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE "BUSSMAN TRON" #HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE WITH A "BUSSMAN" FNM 10 AMP 250V FUSE OR APPROVED EQUAL.
5. MARK INSTALLATION DATE ON PHOTO CONTROLS AND LAMPS AS PROVIDED FOR BY MANUFACTURER.
6. ACQUIRE A STREET OPENING PERMIT PRIOR TO EXCAVATING IN STREET RIGHT-OF-WAY.
7. ALL STREET LIGHT FEED POINTS TO BE CONNECTED BY PUBLIC UTILITIES AND ENERGIZED WHEN CLEARED BY DEPARTMENT CONSTRUCTION INSPECTOR.
8. STREET LIGHT SERVICE POINTS ARE 3 WIRE, 240V SYSTEM. THE THIRD STREET LIGHT WIRE IS TO BE USED AS A BOND WIRE ONLY, AS NOTED IN SPECIFICATION #2-6. FEED POINTS TO BE CONFIRMED AT THE TIME OF CONSTRUCTION.
9. DEPARTMENT CONSTRUCTION INSPECTOR MAY REQUIRE ALL PROPERTY LINES TO BE STAKED PRIOR TO EXCAVATION FOR STREET LIGHT FACILITIES.
10. ALL CABLE TO BE AWG. #8 COPPER AS SPECIFIED IN STREET LIGHT SPECIFICATION #2-6 (STREET LIGHT CABLE).
11. CONDUIT AND FITTINGS TO BE IN CONFORMANCE WITH UGS-100. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN UGS-100.1.
12. STREET LIGHT DOOR OPENING TO FACE SIDEWALK.
13. P.W. DEPT. CONTRACTOR IS PERFORMING ALL WORK. RPU WILL INSPECT THE WORK AND ENERGIZE STREETLIGHTS.
14. CABLES SHALL BE INSTALLED IN CONTINUOUS LENGTHS BETWEEN STREETLIGHT STANDARDS AND/OR PULLBOXES. CABLE SPLICES WILL NOT BE PERMITTED IN CONDUITS.
15. P.W. TO FIELD VERIFY CONDITION OF EXISTING STREETLIGHT CONDUIT. IF CONDUIT IS DETERMINED TO BE REPLACED, THE 1" HDG CONDUIT WILL BE REPLACED WITH 1" SCH. 40. IF THE 1" HDG CONDUIT IS TO REMAIN, THE PIPE WILL NEED TO BE THREADED AT THE INTERCEPT POINTS AND STEEL COUPLINGS AND SWEEPS WILL BE PLACED INTO AND OUT OF THE NEW FOUNDATION.
16. POUR NEW STREETLIGHT CONCRETE CAP PER UGS-801 ON ALL STREETLIGHTS BROUGHT TO NEW SIDEWALK GRADE.
17. IF DAMAGE IS DONE TO THE PAINT COATING, THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAINT THE DAMAGED STREETLIGHT POLES.

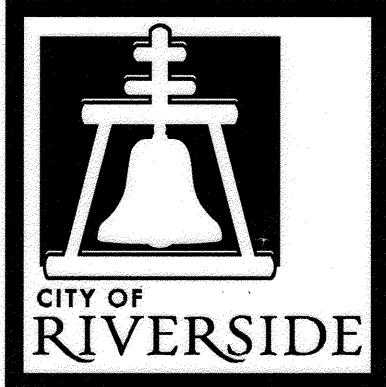
EXISTING TOPOGRAPHY:

- ⊙ SANITARY SEWER M.H. Ⓢ GATE VALVE ⊙ ELECTRIC M.H.
- ⊙ STORM DRAIN M.H. Ⓢ ELECTRICAL TEST STATION (GAS)
- ⊙ FIRE HYDRANT ⊙ WATER M.H.

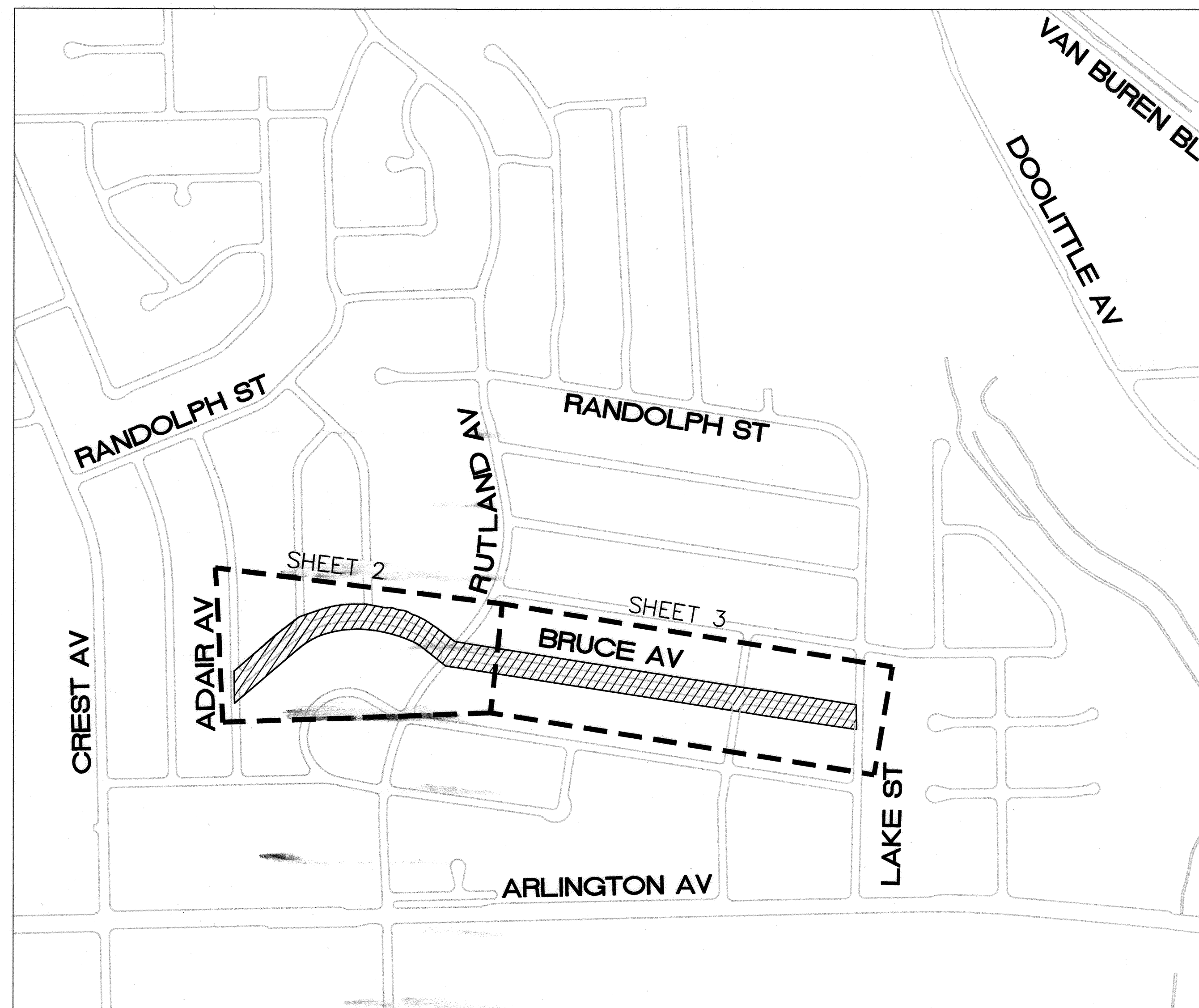
LEGEND:

- ▭ PROPOSED PCC
- ▭ EXISTING PCC

RIVERSIDE CALIFORNIA



**PUBLIC WORKS DEPARTMENT
BRUCE AVENUE SIDEWALK
IMPROVEMENTS**



INDEX MAP
NTS

LEGEND

- ▨ PROJECT LOCATION
- - - SHEET LIMITS

CONSTRUCTION NOTES:

- ⬡ REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- Ⓜ ADJUST TO GRADE, DESCRIPTION PER PLAN (---): (WM) WATER METER. (SL) STREET LIGHT PULLBOX.
- Ⓜ PROTECT IN PLACE, DESCRIPTION PER PLAN (---): (MB) MAILBOX. (GT) GATE-CHAIN LINK OR WROUGHT IRON. (CLF) CHAIN LINK FENCE. (WIF) WROUGHT-IRON FENCE. (TREE) TREE. (SGN) SIGN.
- Ⓜ RELOCATE EXISTING TO PROPOSED LOCATION, DESCRIPTION PER PLAN (---): (MB) MAILBOX. (CLF) CHAIN LINK FENCE. (GT) GATE AND POSTS. (WM) RELOCATE WATER METER AT 8543 BRUCE AVENUE TO 11' WEST OF EXISTING LOCATION AND OUT OF PROPOSED DRIVEWAY WING. (SL1) INTERCEPT STREET LIGHT CONDUIT. RELOCATE STREET LIGHT AND FOUNDATION 3' NORTH OF EXISTING LOCATION PER R.P.U. STREET LIGHT NOTES. MAINTAIN 3' MINIMUM CLEARANCE BETWEEN STREET LIGHT AND BACK OF WALK. (SL2) INTERCEPT STREET LIGHT CONDUIT. RELOCATE STREET LIGHT 5' WEST OF EXISTING LOCATION PER R.P.U. STREET LIGHT NOTES. MAINTAIN 36" MINIMUM CLEARANCE BETWEEN STREET LIGHT AND BACK OF WALK. (FNC) RELOCATE MASONRY PILASTERS AND WROUGHT IRON FENCING IN KIND AT LOCATION SPECIFIED ON SHEET 2 DETAIL AND PER CITY OF RIVERSIDE BUILDING DEPARTMENT MASONRY PILASTER STD. PLAN.
- Ⓜ REMOVE EXISTING AND REPLACE WITH NEW AT PROPOSED LOCATION, DESCRIPTION PER PLAN. (MB) MAILBOX. (CLF) CHAIN LINK FENCE, 30' NORTH OF CENTERLINE.
- Ⓜ REMOVE EXISTING, DESCRIPTION PER PLAN (---): (T1) CLASS I TREE AND ROOTS. (T2) CLASS II TREE AND ROOTS. (T3) CLASS III TREE AND ROOTS. (BRK) BRICK WALKWAY. (SHR) SHRUB. (CON) PORTLAND CEMENT CONCRETE PAVEMENT. (BDR) LANDSCAPE BORDER. (AGG) AGGREGATE. (PL) FALLEN PILASTER AT 8781 BRUCE AVENUE. (STP) STEPPED WALKWAY AT 8781 BRUCE AVENUE. (PLN) PLANTER. (PVR) BRICK PAVERS.
- Ⓜ CONSTRUCT CURB AND GUTTER PER CITY STD 200 WITH THE FOLLOWING MODIFICATION (---): (M1) = CONSTRUCT 1" WIDE CURB WITH 1" CURB FACE IN FRONT OF DRIVEWAY APPROACH AND MATCHUP TO ADJACENT CURB ON EITHER SIDE OF DRIVEWAY WINGS. REPLACE GUTTER IN KIND.
- Ⓜ CONSTRUCT DRIVEWAY PER CITY STD 302 WITH THE FOLLOWING MODIFICATIONS (---): (C1) = CONSTRUCT TYPE CURB-1 DRIVEWAY PER STD. PLANS (M1) = CONSTRUCT TYPE CURB-1 DRIVEWAY, MODIFIED TO REDUCE THE DRIVEWAY APPROACH WIDTH TO 1' AND INCREASE THE SLOPE TO 14% FROM BACK OF CURB TO FRONT OF WALKWAY, AND INCREASE THE WALKWAY WIDTH TO 5' AT 2% SLOPE FROM BACK OF APPROACH TO EXISTING DRIVEWAY OR MATCHUP. (M2) = CONSTRUCT TYPE CURB-1 DRIVEWAY, MODIFIED TO REDUCE THE DRIVEWAY APPROACH WIDTH TO 1' AND INCREASE THE SLOPE TO 14% FROM BACK OF CURB TO FRONT OF WALKWAY. CONSTRUCT 4' WALKWAY AT 2% SLOPE FROM BACK OF APPROACH TO EXISTING DRIVEWAY OR MATCHUP. (M3) = CONSTRUCT TYPE CURB-1 DRIVEWAY, MODIFIED TO REDUCE THE DRIVEWAY APPROACH WITH TO 1' AND MAINTAIN 8.33% SLOPE. CONSTRUCT 4' WALKWAY AT 2% SLOPE FROM BACK OF APPROACH TO EXISTING DRIVEWAY OR MATCHUP. (M4) = CONSTRUCT TYPE CURB-1 DRIVEWAY, MODIFIED MAINTAIN 2' WIDTH AND INCREASE DRIVEWAY APPROACH SLOPE TO 14% FROM BACK OF CURB TO FRONT OF WALKWAY. CONSTRUCT 4' WALKWAY AT 2% SLOPE FROM BACK OF APPROACH TO EXISTING DRIVEWAY OR MATCHUP.
- Ⓜ CONSTRUCT WHEELCHAIR RAMP PER CITY STD 304 WITH THE FOLLOWING TYPE OR MODIFICATION (---): (I) = TYPE I. (II) = TYPE II. (M1) = SEE DETAIL ON SHEET 2 FOR PEDESTRIAN RAMP AND RETAINING WALL DETAIL.
- Ⓜ CONSTRUCT SIDEWALK PER CITY STD 325 WITH THE FOLLOWING TYPE OR MODIFICATION (---): (CRB) = CONSTRUCT CURBSIDE SIDEWALK PER STD. PLANS. (RET) = CONSTRUCT RETAINING CURB BEHIND SIDEWALK. INCLUDES CURB HEIGHTS UP TO 18". (M1) = CONSTRUCT CURBSIDE SIDEWALK, MODIFIED TO REDUCE WIDTH TO 5' FROM BACK OF CURB. (M2) = CONSTRUCT CURBSIDE SIDEWALK AT 6" DEPTH.
- Ⓜ ADJUST STREETLIGHT TO NEW SIDEWALK GRADE PER R.P.U. STREET LIGHT NOTES.
- Ⓜ CONSTRUCT NEW STEPPED WALKWAY TO MATCHUP WITH EXISTING WALKWAY. MINIMUM/MAXIMUM RISE ON STEPS SHALL BE 4"/7.75", RUN SHALL BE 10".
- Ⓜ TRIM HEDGE.
- Ⓜ CONSTRUCT NON-STEPPED WALKWAY WITH MAXIMUM SLOPE OF 8.33% TO MATCHUP FROM BACK OF SIDEWALK TO EXISTING WALKWAY.
- Ⓜ CONSTRUCT VARIABLE HEIGHT RETAINING WALL PER DETAIL ON SHEET 2 AND CITY OF RIVERSIDE BUILDING DEPARTMENT RETAINING WALL STD. PLAN.

SHEET INDEX

SHEET NO.	SHEET NAME (LIMITS)
1.	TITLE SHEET AND NOTES
2.	BRUCE AVENUE SIDEWALK IMPROVEMENTS - ADAIR AVENUE TO 210' E/O RUTLAND AVENUE
3.	BRUCE AVENUE SIDEWALK IMPROVEMENTS - 210' E/O RUTLAND AVENUE TO LAKE STREET

CML-5058 (100) Advantage ID 0815000131

Under Ground Service Alert of Southern California
Call: TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
Thuy Nguyen
R.C.E. No. 64751 EXPIRES: 6-30-17
DATE: 9/28/16

MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS**

APPROVED BY ENGINEERING MANAGER CONSTRUCTION ADMIN. TRAFFIC DIVISION SURVEY STREETS	BY Em D.C. A.A. G.S.	DATE 9/28/16 9/29/16 9-29-16 9/29/16	APPROVED BY CITY-ENGINEER
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SIDEWALK IMPROVEMENTS

**BRUCE AVENUE
SIDEWALK IMPROVEMENTS**

HORIZ. SCALE: NA VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1508036
CONSTR. WORK ORDER NO.: 1701022

R-4324

SHEET **1** OF **3**

FILE NAME: R4324-01

MIA AVENUE

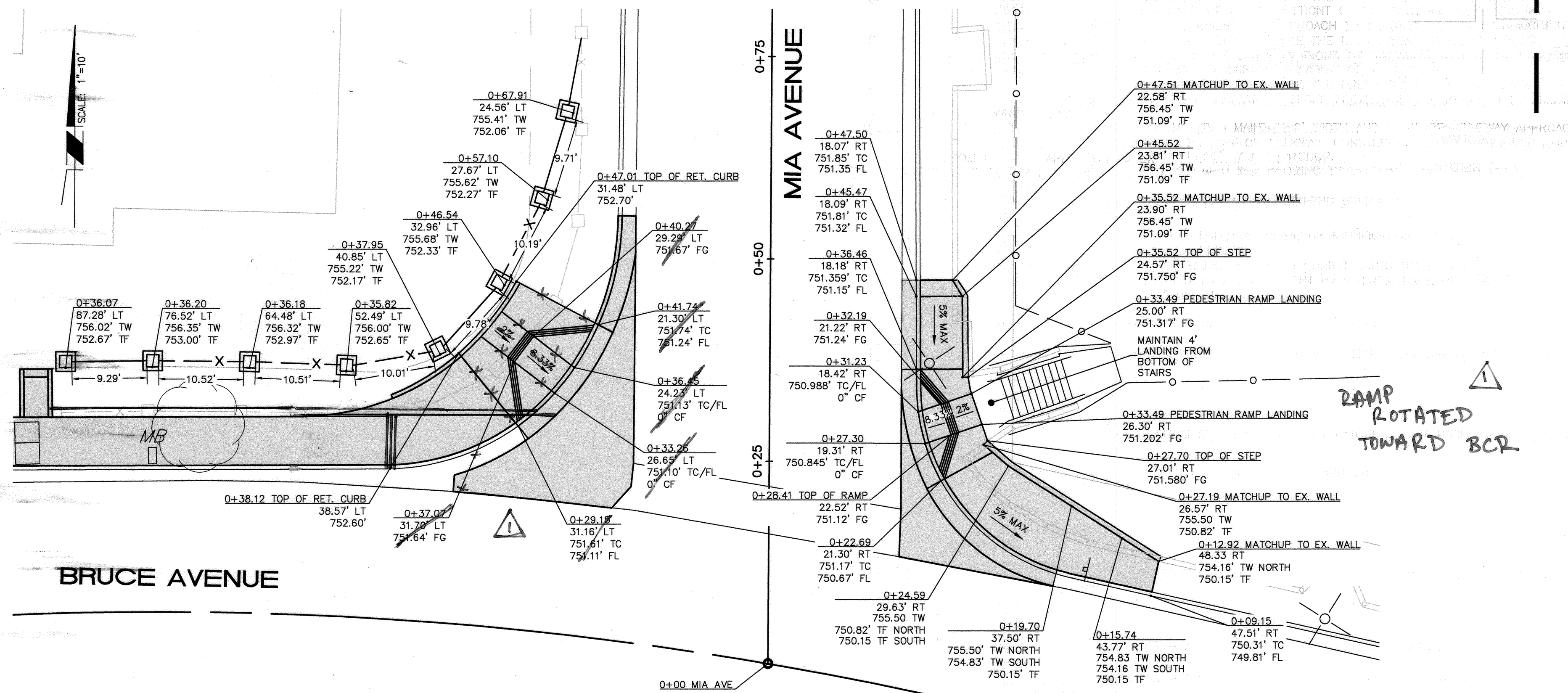
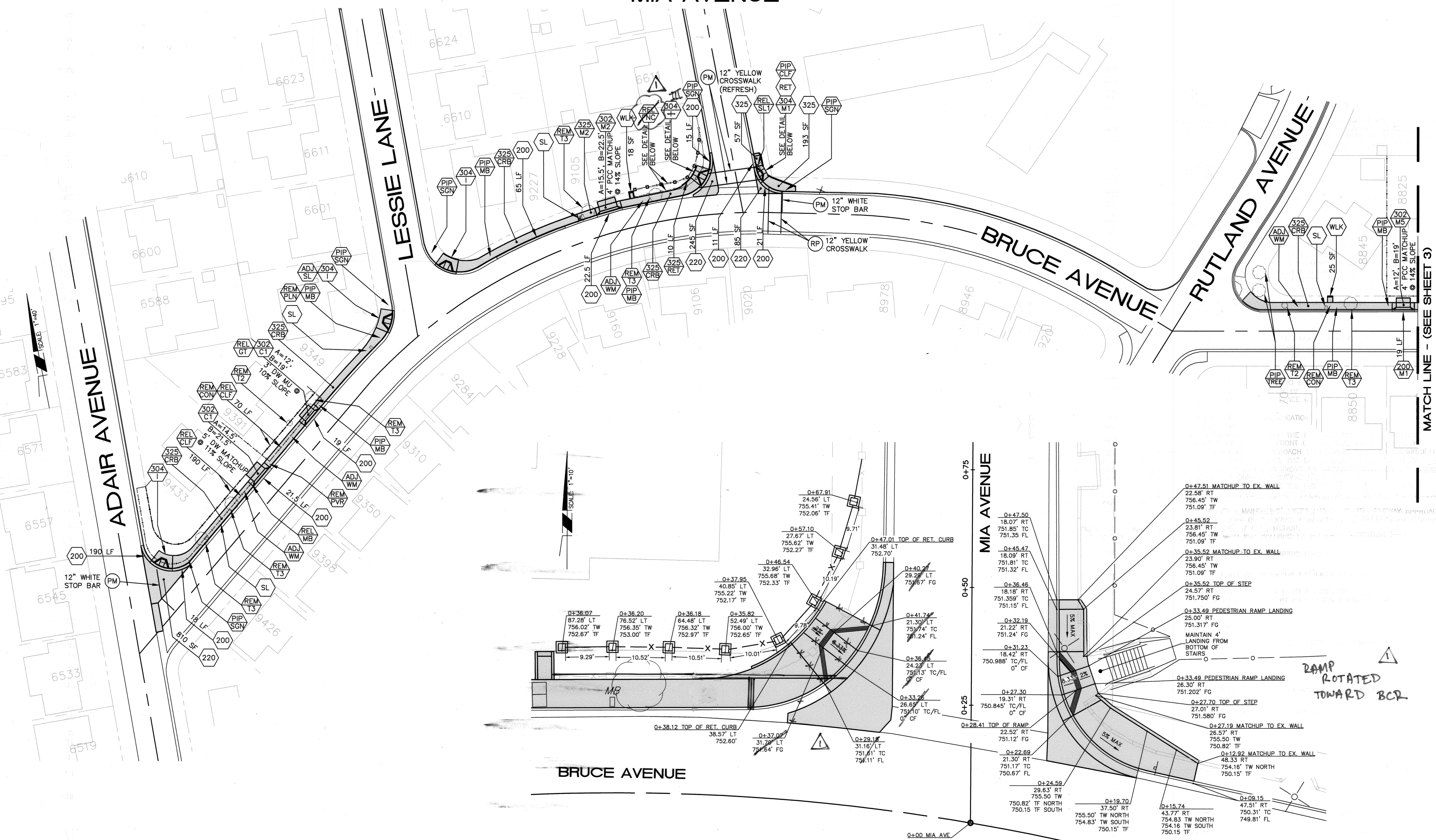
ADAIR AVENUE

LESSIE LANE

BRUCE AVENUE

RUTLAND AVENUE

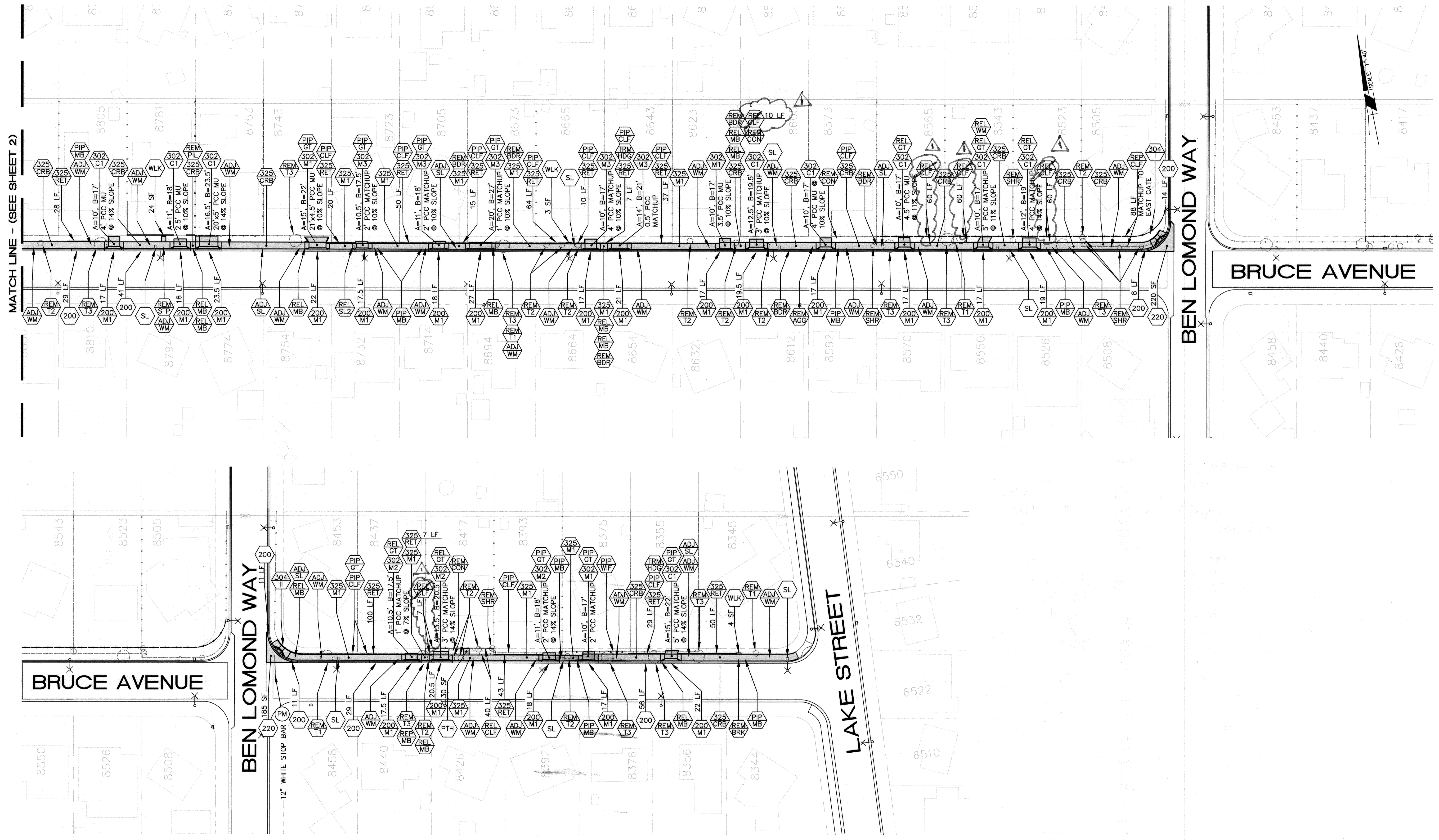
MATCH LINE - (SEE SHEET 3)



304 I REL FNC 304 M1 RET FENCE RELOCATION, WHEELCHAIR RAMP AND RETAINING WALL CONSTRUCTION DETAIL

CML-5058 (100) Advantage ID 0815000131

<p>Under Ground Service Alert of Southern California Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>ENGINEER IN RESPONSIBLE CHARGE Thuy Nguyen R.C.E. No. 64751 EXPIRES: 6-30-17 DATE: 9/29/16</p>	<p>CITY OF RIVERSIDE</p>	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		SIDEWALK IMPROVEMENTS		DESIGN WORK ORDER NO.: 1508036 CONSTR. WORK ORDER NO.: 1701022 R-4324 SHEET 2 OF 3 FILE NAME: R4324-02
			APPROVED BY ENGINEERING MANAGER: <i>FD</i> 9/29/16 CONSTRUCTION ADMIN.: <i>DL</i> 9/29/16 TRAFFIC DIVISION: <i>CH</i> 9-29-16 SURVEY: <i>MS</i> 9/29/16	APPROVED BY CITY ENGINEER: <i>[Signature]</i> 9/29/16	BRUCE AVENUE SIDEWALK IMPROVEMENTS		



MATCH LINE - (SEE SHEET 2)

BEN LOMOND WAY

BRUCE AVENUE

BRUCE AVENUE

BEN LOMOND WAY

LAKE STREET

CML-5058 (100) Advantage ID 0815000131

Under Ground Service Alert of Southern California
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
 Thuy Nguyen
 R.C.E. No. 84751 EXPIRES: 6-30-17
 DATE: 9/29/16

DESIGNED BY: BL	DRAWN BY: BL	CHECKED BY: TN
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CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY:	BY:	DATE:	APPROVED BY:
ENGINEERING MANAGER	FA	9/29/16	CITY ENGINEER
CONSTRUCTION ADMIN.	DS	9/29/16	
TRAFFIC DIVISION	TS	9/29/16	
SURVEY			
STREETS			

SIDEWALK IMPROVEMENTS
BRUCE AVENUE SIDEWALK IMPROVEMENTS
HORIZ. SCALE: 1"=40'
VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1508036	CONSTR. WORK ORDER NO.: 1701022
R-4324	
SHEET 3 OF 3	
FILE NAME: R4324-03	